

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/US2005/002077

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C08G81/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 270 647 A (MITSUI CHEMICALS, INC) 2 January 2003 (2003-01-02) paragraphs '0001!, '0008! - '0038!, '0163! - '0167!, '0194! - '0219!; claims; examples	1-25
X	EP 0 964 022 A (BRIDGESTONE CORPORATION) 15 December 1999 (1999-12-15) paragraphs '0001!, '0004! - '0015!, '0023! - '0033!; claims; example ----- -/--	1-4,7-20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

22 April 2005

Date of mailing of the international search report

04/05/2005

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Otegui Rebollo, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/002077

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 366 412 A (EXXON CHEMICAL PATENTS INC) 2 May 1990 (1990-05-02) cited in the application page 2, lines 3-8 page 4, line 44 - page 5, line 40 page 10, lines 1-47 page 14, line 40 - page 16, line 51; claims; examples 2,4-8,10,13,15,17 -----	1-25
X	WO 02/051893 A (CENTRE D'ETUDES SUR LE RECYCLAGE DES MATIERES PLASTIQUES S.A; TORRES,) 4 July 2002 (2002-07-04) page 1, lines 6-32 page 8, line 25 - page 12, line 9 page 18, line 1 - page 21, line 22 page 23, lines 10-26 page 28, line 10 - page 31, line 7; claims -----	1-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/002077

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1270647	A	02-01-2003	EP 1270647 A1	02-01-2003
			US 2003023002 A1	30-01-2003
			CN 1392886 A	22-01-2003
			WO 0222713 A1	21-03-2002
EP 0964022	A	15-12-1999	CA 2274367 A1	12-12-1999
			EP 0964022 A1	15-12-1999
			JP 2000026611 A	25-01-2000
EP 0366412	A	02-05-1990	US 4999403 A	12-03-1991
			AU 4383189 A	03-05-1990
			BR 8905504 A	29-05-1990
			CA 2000655 A1	28-04-1990
			EP 0366412 A2	02-05-1990
			JP 2170826 A	02-07-1990
WO 02051893	A	04-07-2002	FR 2818652 A1	28-06-2002
			EP 1347998 A1	01-10-2003
			WO 02051893 A1	04-07-2002
			US 2004116610 A1	17-06-2004